

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) One or more ~~tangible computer-readable computer-storage~~ media, having computer-usable instructions embodied thereon for performing a method of printing cable-label records on a printing device, the method comprising:

receiving search criteria for one or more cable-label records, wherein said cable-label records were previously stored in a storage component, wherein said cable-label records were automatically validated against a predefined format to remove processing errors when stored, wherein upon recognizing the errors, a feedback mechanism is offered ~~offers~~ assistive input and flags the errors ~~upon recognizing the processing errors~~;

automatically identifying one or more records in said storage component corresponding to the search criteria;

generating a cable-label file for the one or more records; and

automatically providing a data stream that when rendered by the printing device produces printed cable-label records wherein the printed cable-label records display content of the identified records in a prescribed format.

2. (Original) The media of claim 1, wherein the search criteria include at least:

a first search parameter; and

a second search parameter.

3. (Previously Presented) The media of claim 2, wherein the cable-label records include content that is to be displayed on the printed cable-label records.

4. (Previously Presented) The media of claim 3, wherein said content includes a plurality of identifiers indicating one of: a cable type, a number of runs, a racks description, racks location information, an equipment description, an equipment designation, a termination type and/or a textual note.

5. (Original) The media of claim 3, wherein identifying one or more records comprises assembling a query from the first and second search parameters.

6. (Original) The media of claim 5, wherein identifying one or more records further includes searching the storage component against the assembled query for records matching the search criteria and returning the matching records.

7. (Original) The media of claim 5, wherein the data stream includes an output file.

8. (Previously Presented) The media of claim 1, wherein the prescribed format includes at least one selection from the following:

- a binary file;
- an ASCII file; and
- a text file, including a delimiter.

9. (Currently Amended) A method for printing cable-label records on a printing device, comprising:

creating one or more cable-label records to be stored in a storage component wherein the one or more cable-label records are automatically validated against a predefined format to remove errors associated with the one or more cable-label records, wherein upon recognizing the errors, a feedback mechanism is offered ~~offers assistive input and flags the errors upon recognizing the processing errors;~~

receiving search criteria for retrieving one or more the cable-label records;

identifying at least one record in the storage component corresponding to the search criteria;

generating a cable-label file with the at least one record; and

providing a data stream that when rendered by the printing device produces cable-label records displaying content of the identified record(s) in a prescribed format.

10. (Original) The method of claim 9, wherein creating the cable-label records comprise receiving indicia related to one or more cable-label records and storing the indicia in the storage component.

11. (Previously Presented) The method of claim 9, wherein said indicia includes a plurality of fields indicating one of: a cable type, a number of runs, a racks description, racks location information, an equipment description, an equipment designation, a termination type and/or a textual note.

12. (Original) The method of claim 11, wherein the search criteria includes:
a first search parameter; and
a second search parameter.

13. (Original) The method of claim 12, wherein identifying one or more cable-label records comprises assembling a query from the first and second search parameters.

14. (Original) The method of claim 13, wherein identifying one or more records further includes searching the storage component against the assembled query for records matching the search criteria and returning the matching records.

15. (Currently Amended) ~~A computer system~~ One or more computer-storage media for executing computer-usable instructions for printing cable-label records, the computer system comprising:

a user interface component operationally coupled to a storage component for receiving a search string to query the storage component for one or more records;

a first cable-label records ~~controller-module~~ that automatically validates one or more records against a predefined format to remove processing errors when the one or more records are stored, wherein upon recognizing the errors, a feedback mechanism is offered ~~offers assistive input and flags the errors-upon recognizing the processing errors;~~ and

a second cable-label records ~~controller-module~~ that receives the query result and converts the result into a prescribed format whereby the query result can be rendered on a printing device.

16. (Currently Amended) The ~~computer-system-media~~ of claim 15, wherein the prescribed format includes at least one selection from the following:

- an ASCII file; and
- a delimited text file.

17. (Currently Amended) The ~~computer-system-media~~ of claim 16, wherein the query result comprises all cable-label records that match the search criteria.

18. (Currently Amended) A method of creating cable-label records record, comprising

- storing a set of data related to an information related to a cable in one or more computer-readable media;

- generating a cable-label records record in a structured format from the set of data;

- automatically validating the set of data against a predefined format to remove errors associated with the information related to the cable, wherein upon recognizing the errors, a feedback mechanism is offered offers assistive input and flags the errors upon recognizing the processing errors; and

- storing the cable-label records record in one or more computer-readable media for subsequent recall.